

Application/Control Number: 10/074,775

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1. A method of concatenating a first (C, C') and a second (D, D') frame each containing one or more commands, including a last command, the commands in a frame containing a continue bit (S_C, S'_C, S_D, S'_D) positioned so as to indicate whether another command is to follow in the frame or not, said frames comprising a number of non-significant bits among which a number of padding bits (R_C, R'_C) such that they occupy an integer number of words, and at least said first frame being designed to allow the position of the continue bit of its last command to be determined, said concatenation method comprising the following steps:

- a) determination of the position of the continue bit of the last command of the first frame,
- b) modification of the continue bit of the last command of the first frame,
- c) suppression of the non-significant bits of the first frame,
- d) insertion of at least one command of the second frame after the modified continue bit,
- e) addition of a number of padding bits in order to form a new frame that occupies an integer number of words.

2. A method of concatenating frames as claimed in claim 1, characterized in that said non-significant bits comprise a supplementary word (X_C) placed after the padding bits, said padding bits being placed after the continue bit of the last command of the frame, and in that the supplementary word indicates the number of padding bits (N_C).

3. A method of concatenating frames as claimed in claim 1, characterized in that said padding bits are configured to an inverse value ("1") of that ("0") of said continue bit (S_C) so as to allow the position of said continue bit to be determined.

4. A command frame (C, C', D, D') comprising at least a last command with a continue bit (S_C, S'_C), and a number of padding bits (R_C, R'_C) such that the frame occupies an integer number of words, characterized in that it comprises a supplementary word (X_C, X'_C)

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- placed after the padding bits, said padding bits being placed after the continue bit, and in that the supplementary word indicates the number (N_C , N_P) of padding bits.

5. A command frame comprising at least a last command with a continue bit (S_C , S_P), and a number of padding bits (R_C , R_P) so that the frame occupies an integer number of words, characterized in that said padding bits are configured to an inverse value of that of said continue bit.

6. (Amended) A command frame as claimed in claim 4, characterized in that it is a BIFC command frame as described in recommendation ISO/IEC 14496-1.

7. An electronic apparatus comprising means (CONC) for activating a method of concatenating command frames as claimed in claim 1.

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8. (Amended) An electronic apparatus comprising means for transmitting a command frame as claimed in claim 4.

9. A method of forming an access point to a data stream comprising a step of storing command frames relating to a scene description (M1) and a step of storing at least one command frame relating to at least one scene modification (M2), characterized in that it comprises a step (CONC) for applying a concatenation method as claimed in claim 1, in order to concatenate said command frame relating to a scene description with said command frame relating to at least one scene modification, said access point being formed from the result of said concatenation.

10. A transmission system comprising at least one server (SV) and at least one client (CT), said server being intended to send data and command frames relating to said data to said clients, said server comprising means for applying a method of concatenating command frames as claimed in claim 1.

11. A computer program product comprising instructions for implementing a method of concatenating command frames as claimed in claim 1 when executed by a processor.

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